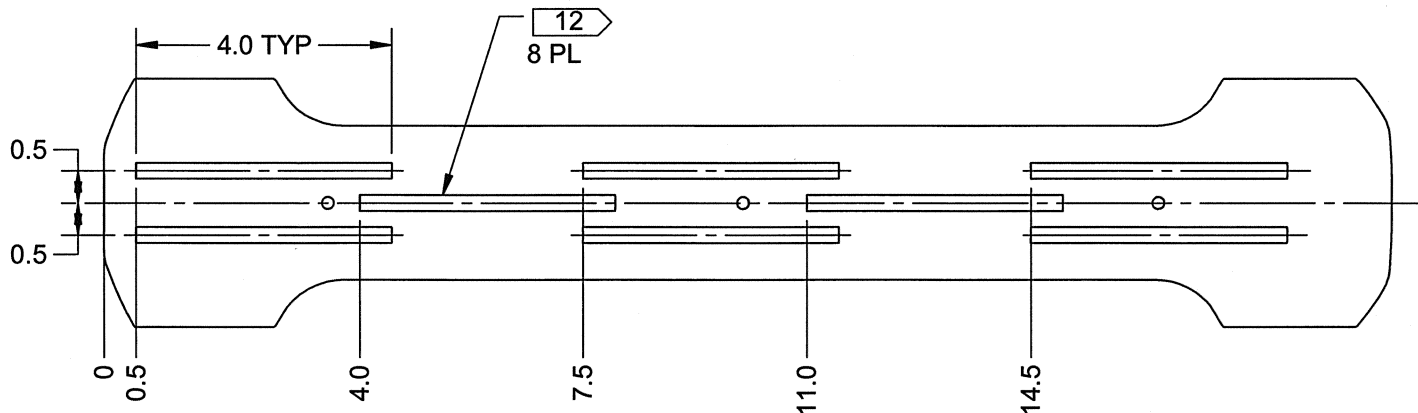
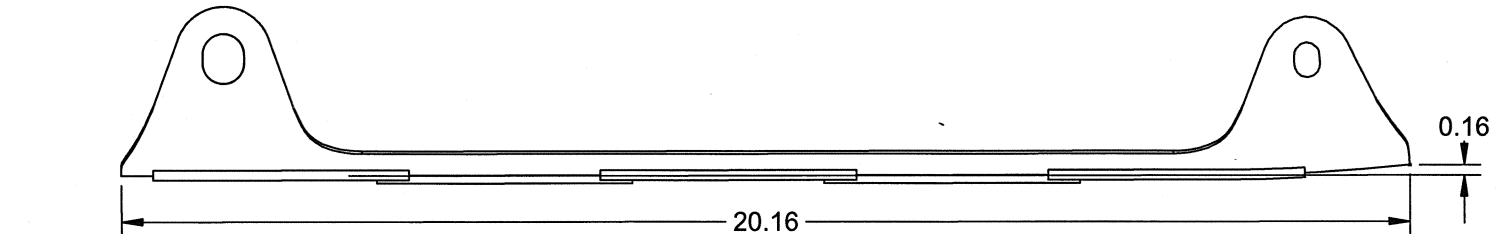
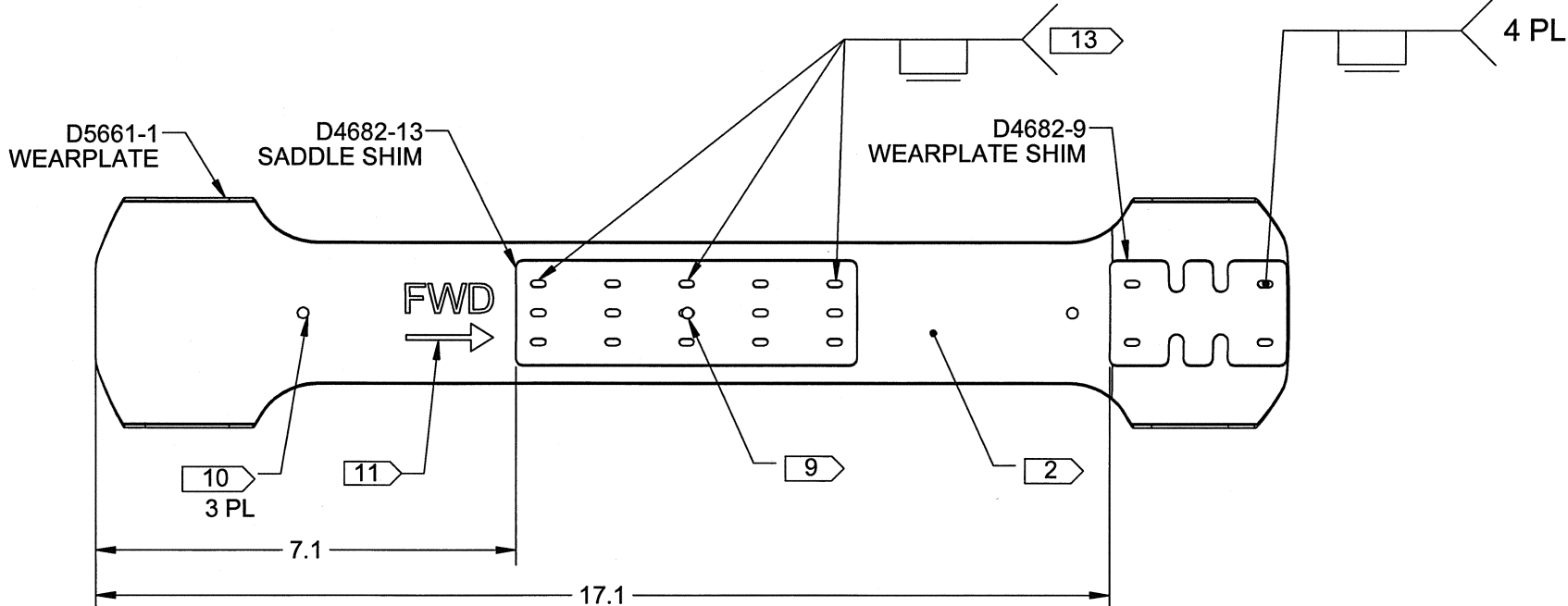
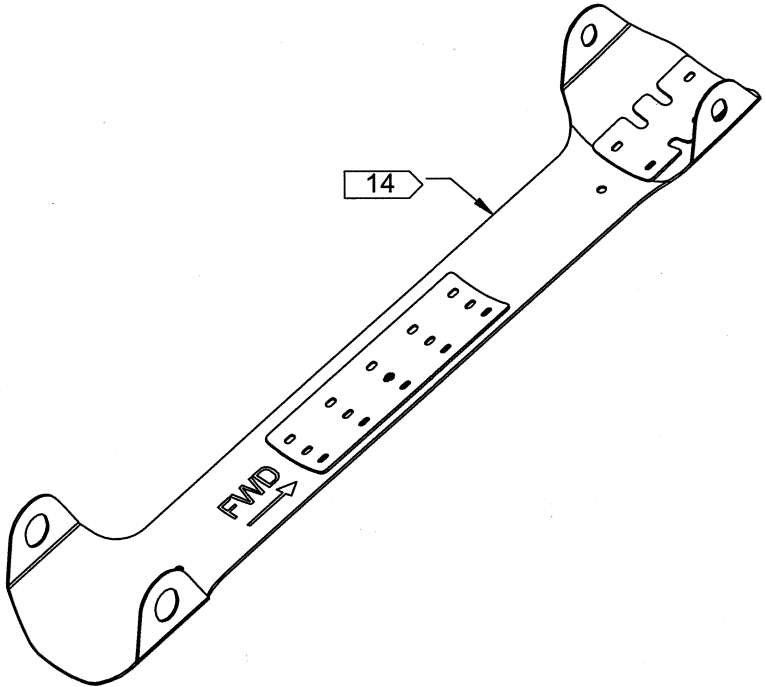


| QTY -041 | P/N | DESCRIPTION |
|-------------|------------|----------------|
| X | D5661-041 | WEARPLATE ASSY |
| 1 | D4682-9 | WEARPLATE SHIM |
| 1 | D4682-13 | SADDLE SHIM |
| 1 | D5661-1 | WEARPLATE |
| A/R | 8259/2059B | HARDCOAT WELD |



D5661-041 WEARPLATE ASSY

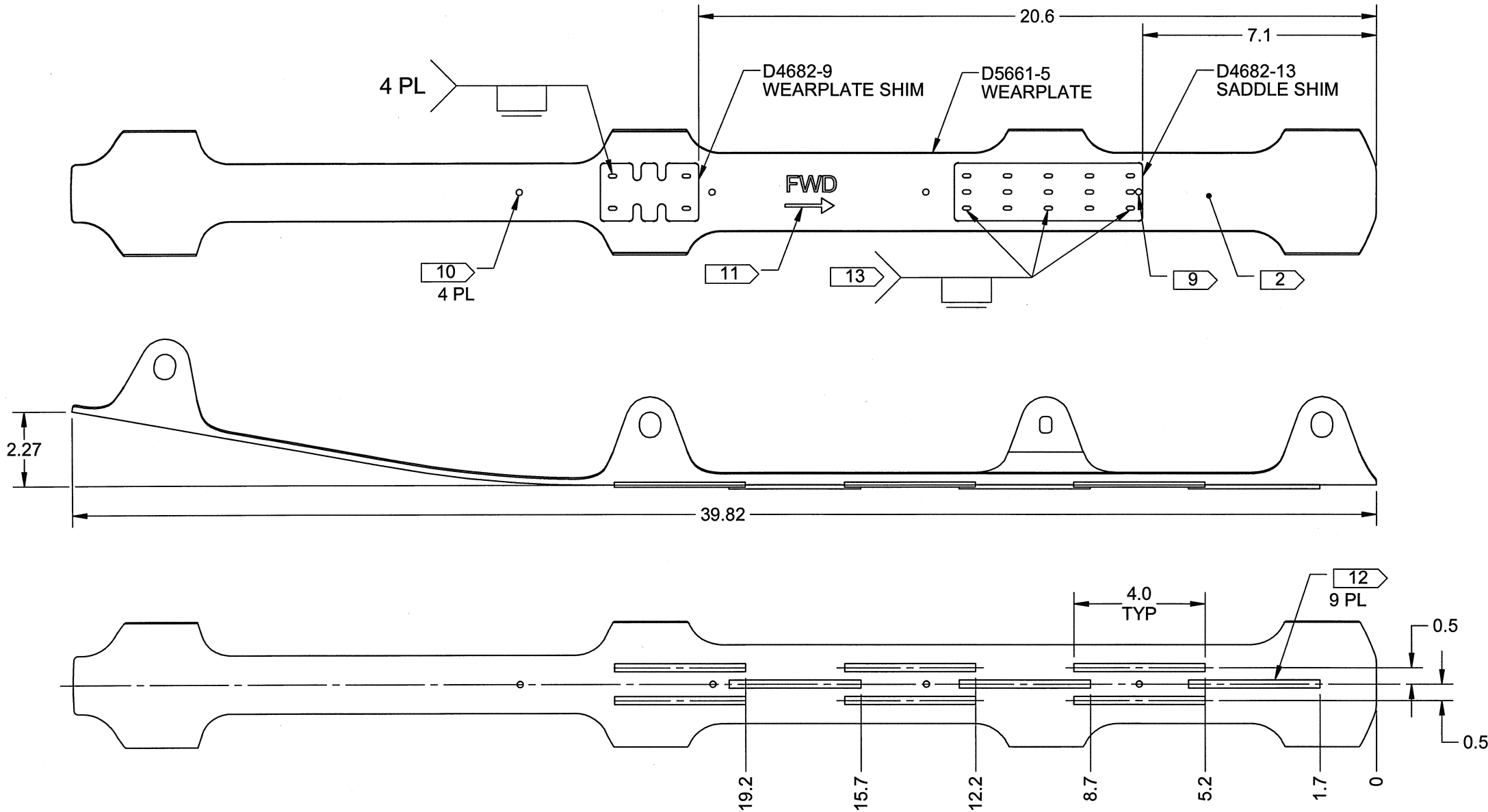
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK PER QSI 005 SECTION 4.9
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.43 lbs
 - 8) WELDING: PER QSI 004
 - 9) TRANSFER DRILL $\varnothing 0.188$ DRAIN HOLE FROM WEARPLATE THRU SHIM
 - 10) OPEN UP DRAIN HOLE IF NECESSARY TO $\varnothing 0.188$ AFTER APPLYING TEXTURED COATING
 - 11) INDICATE FWD DIRECTION IN LOCATION SHOWN USING WHITE PAINT MARKER
 - 12) APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)
 - 13) MINIMUM 7 WELDS DISTRIBUTED ACROSS SHIM AND MINIMUM 1 WELD PER INDICATED COLUMN
 - 14) WEARPLATE FORM AND LUG POSITION PER DT 10527

RELEASED
2019 SEP 10 No
E M R - 890

APPROVED

| | | | |
|------------|-------------|---|--------------|
| A | NEW ISSUE | ZF | 18.11.22 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | ZF | DART AEROSPACE USA, INC. HILLSBORO, OR | |
| DRAWN | ZF | | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 1 OF 6 |
| APPROVED | NO | TITLE | SCALE |
| DE APPR. | DS | WEARPLATE ASSY | NTS |
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| QTY -045 | P/N | DESCRIPTION |
|-------------|------------|----------------|
| X | D5661-045 | WEARPLATE ASSY |
| 1 | D4682-9 | WEARPLATE SHIM |
| 1 | D4682-13 | SADDLE SHIM |
| 1 | D5661-5 | WEARPLATE |
| A/R | 8259/2059B | HARDCOAT WELD |



D5661-045 WEARPLATE ASSY

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK PER QSI 005 SECTION 4.9
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 2.28 lbs
 - 8) WELDING: PER QSI 004
 - 9) TRANSFER DRILL ϕ 0.188 DRAIN HOLE FROM WEARPLATE THRU SHIM
 - 10) OPEN UP DRAIN HOLE IF NECESSARY TO ϕ 0.188 AFTER APPLYING TEXTURED COATING
 - 11) INDICATE FWD DIRECTION IN LOCATION SHOWN USING WHITE PAINT MARKER
 - 12) APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)
 - 13) MINIMUM 7 WELDS DISTRIBUTED ACROSS SHIM AND MINIMUM 1 WELD PER INDICATED COLUMN
 - 14) WEARPLATE FORM AND LUG POSITION PER DT 10527

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| DESIGN | ZF | DART AEROSPACE USA, INC. HILLSBORO, OR | |
| DRAWN | ZF | | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 2 OF 6 |
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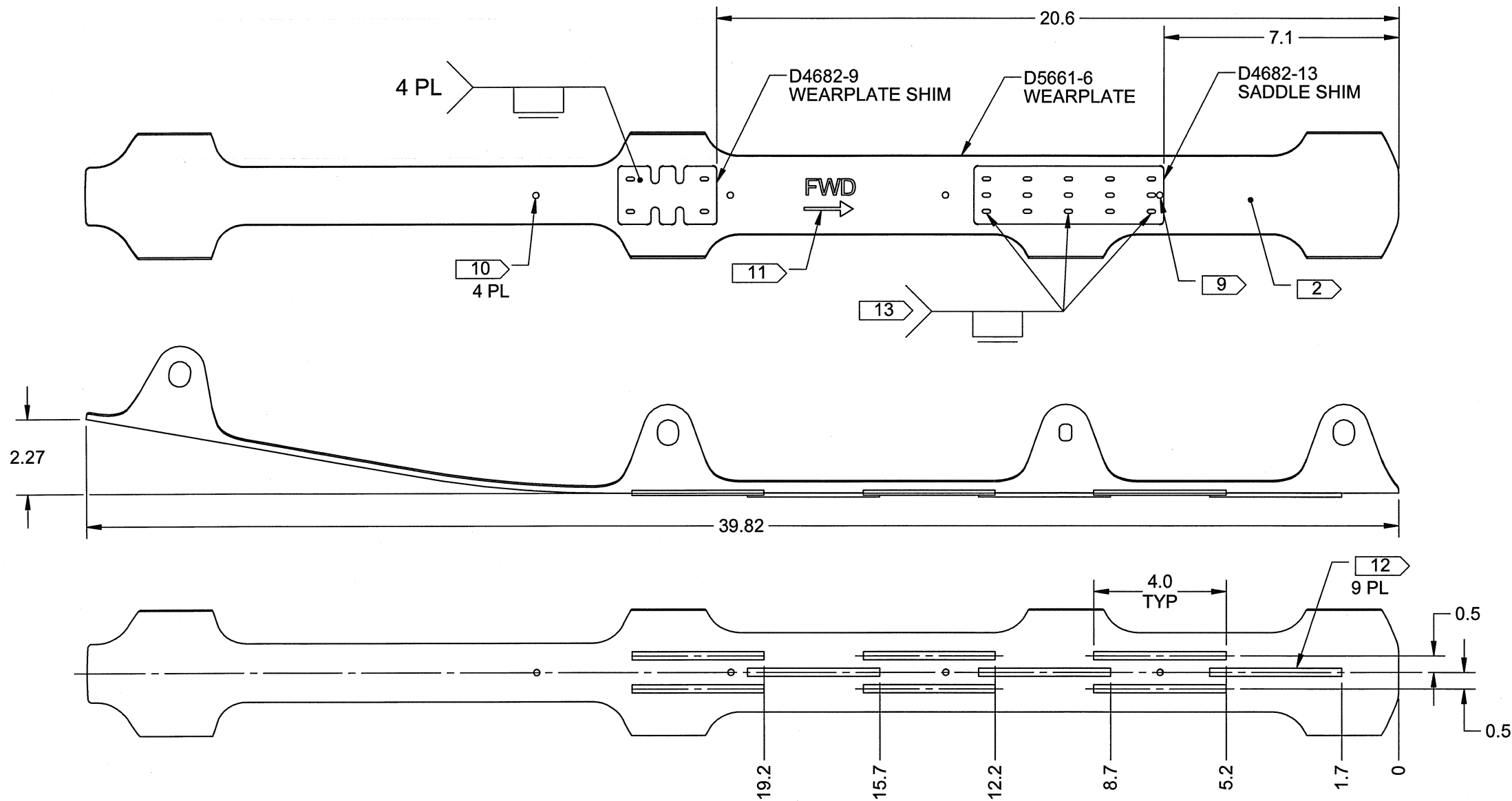
| QTY -046 | P/N | DESCRIPTION |
|-------------|------------|----------------|
| X | D5661-046 | WEARPLATE ASSY |
| 1 | D4682-9 | WEARPLATE SHIM |
| 1 | D4682-13 | SADDLE SHIM |
| 1 | D5661-6 | WEARPLATE |
| A/R | 8259/2059B | HARDCOAT WELD |

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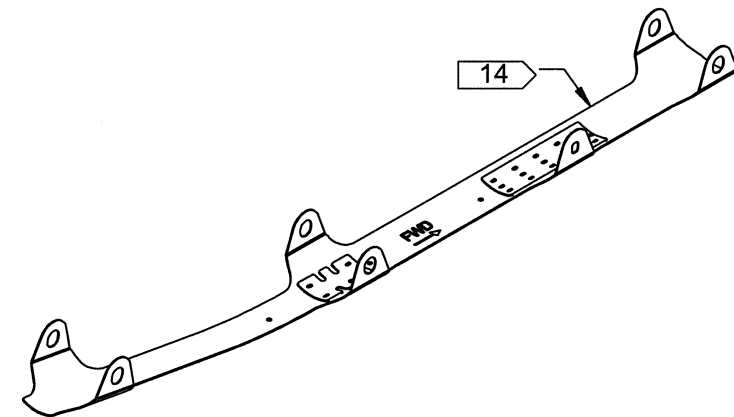
**D5661-046 WEARPLATE ASSY****NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK PER QSI 005 SECTION 4.9
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 2.28 lbs
- 8) WELDING: PER QSI 004
- 9) TRANSFER DRILL $\varnothing 0.188$ DRAIN HOLE FROM WEARPLATE THRU SHIM
- 10) OPEN UP DRAIN HOLE IF NECESSARY TO $\varnothing 0.188$ AFTER APPLYING TEXTURED COATING
- 11) INDICATE FWD DIRECTION IN LOCATION SHOWN USING WHITE PAINT MARKER
- 12) APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR APPLY HARD SURFACING WELD BEAD 0.06 - 0.13 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)
- 13) MINIMUM 7 WELDS DISTRIBUTED ACROSS SHIM AND MINIMUM 1 WELD PER INDICATED COLUMN
- 14) WEARPLATE FORM AND LUG POSITION PER DT 10527

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| DESIGN | ZF | DART AEROSPACE USA, INC. | |
| DRAWN | ZF | HILLSBORO, OR | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 3 OF 6 |
| APPROVED | NO | TITLE | SCALE |
| DE APPR. | DS | WEARPLATE ASSY | NTS |
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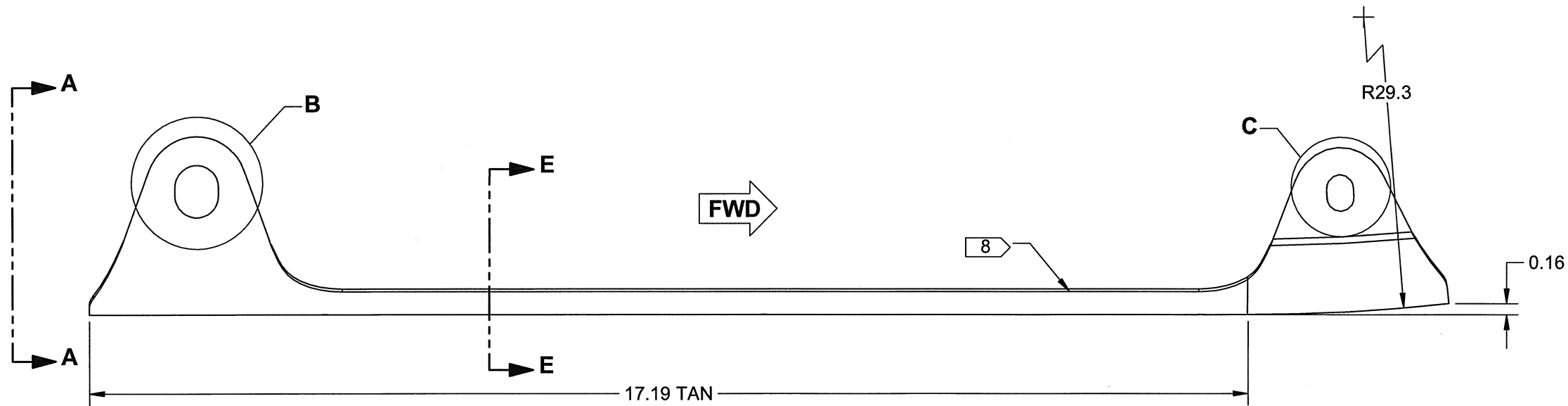


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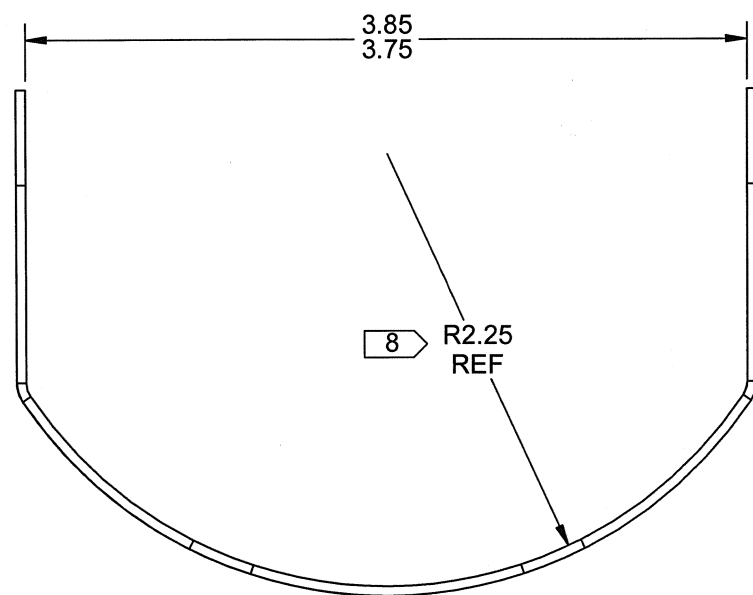
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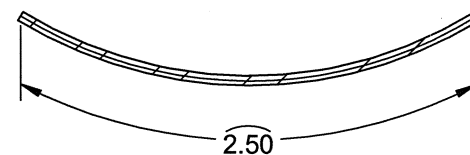
A



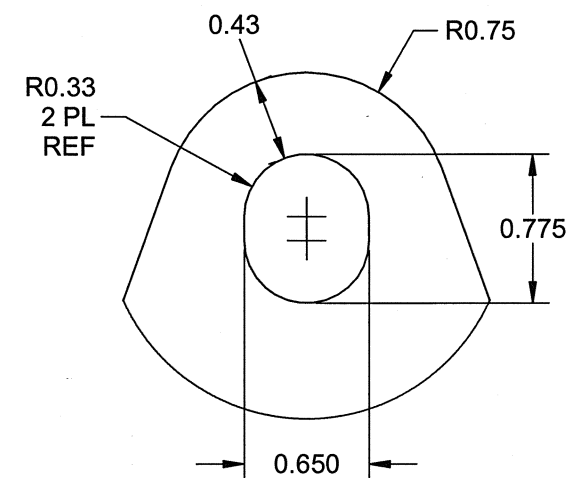
D5661-1 WEARPLATE



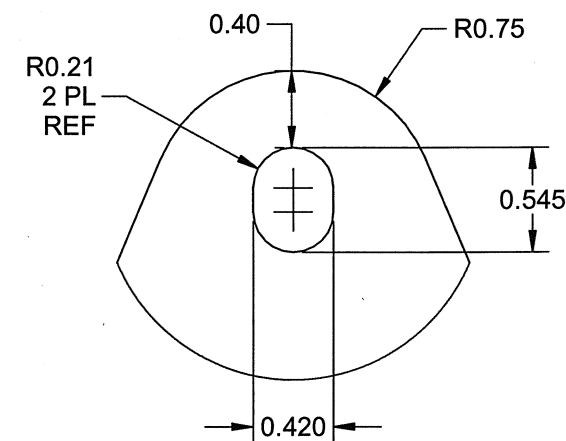
SECTION A-A
SCALE 2X



SECTION E-E
SCALE 2X



DETAIL B
SCALE 2X



DETAIL C
SCALE 2X

NOTES:

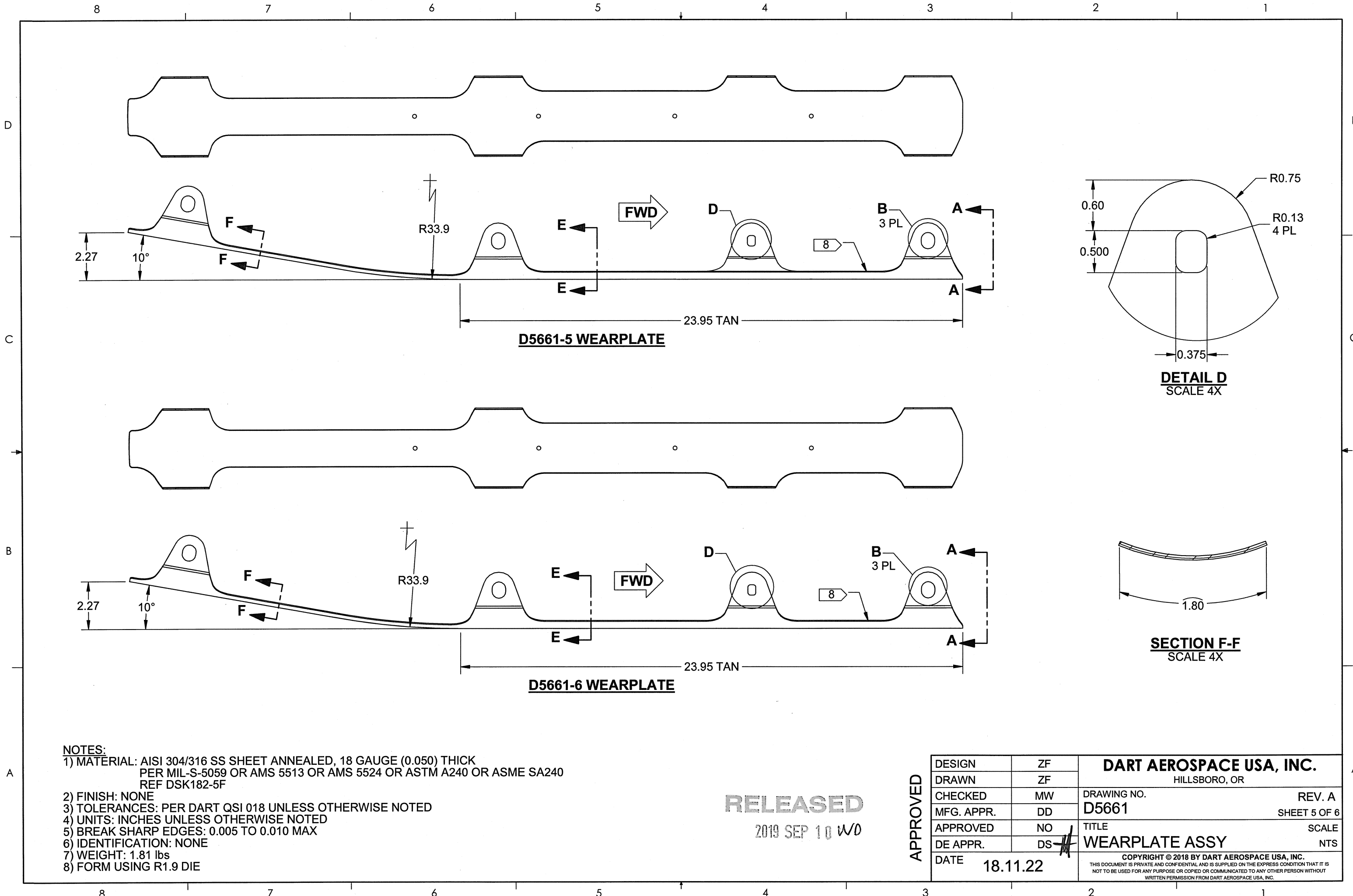
- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED, 18 GAUGE (0.050) THICK
PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
REF DSK182-1F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.99 lbs
- 8) FORM USING R1.9 DIE

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2019 SEP 10 W/P

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| DESIGN | ZF | DART AEROSPACE USA, INC. HILLSBORO, OR | |
| DRAWN | ZF | | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 4 OF 6 |
| APPROVED | NO | TITLE | SCALE |
| DE APPR. | DS | WEARPLATE ASSY | NTS |
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NOTES:

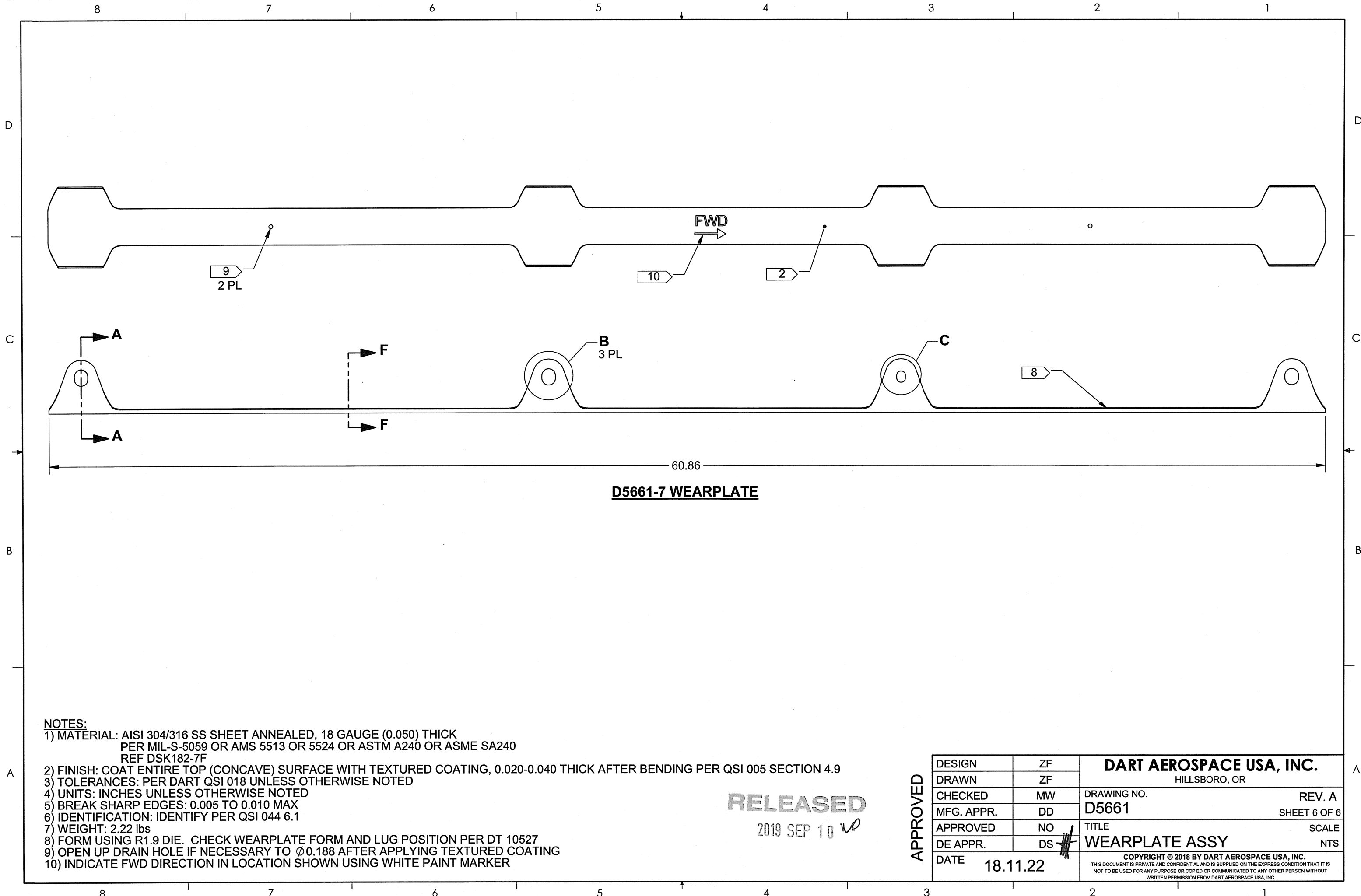
- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED, 18 GAUGE (0.050) THICK
PER MIL-S-5059 OR AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
REF DSK182-5F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.81 lbs
- 8) FORM USING R1.9 DIE

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2019 SEP 10 W/D

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| DRAWN | ZF | | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 5 OF 6 |
| APPROVED | NO | TITLE | SCALE |
| DE APPR. | DS | WEARPLATE ASSY | NTS |
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D5661-7 WEARPLATE

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED, 18 GAUGE (0.050) THICK
PER MIL-S-5059 OR AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240
REF DSK182-7F
- 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK AFTER BENDING PER QSI 005 SECTION 4.9
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 2.22 lbs
- 8) FORM USING R1.9 DIE. CHECK WEARPLATE FORM AND LUG POSITION PER DT 10527
- 9) OPEN UP DRAIN HOLE IF NECESSARY TO $\phi 0.188$ AFTER APPLYING TEXTURED COATING
- 10) INDICATE FWD DIRECTION IN LOCATION SHOWN USING WHITE PAINT MARKER

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2019 SEP 10

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| DESIGN | ZF | DART AEROSPACE USA, INC. HILLSBORO, OR | |
| DRAWN | ZF | | |
| CHECKED | MW | DRAWING NO. | REV. A |
| MFG. APPR. | DD | D5661 | SHEET 6 OF 6 |
| APPROVED | NO | TITLE | SCALE |
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